FIG.1

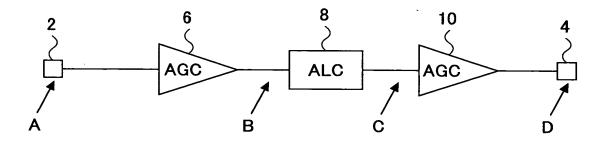
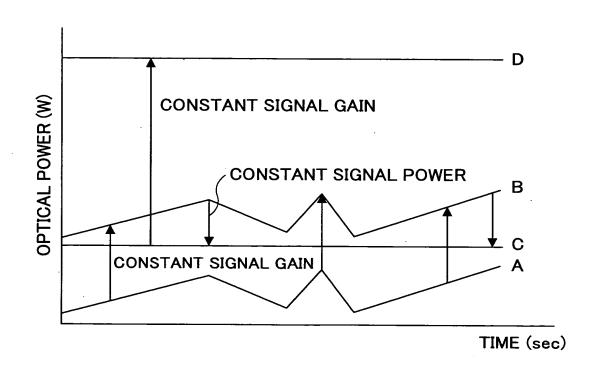
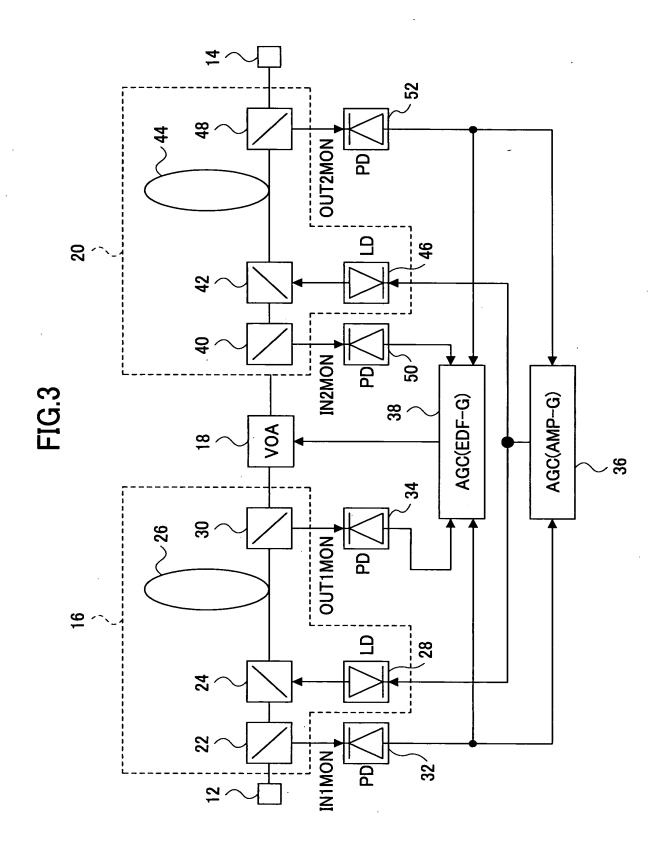


FIG.2





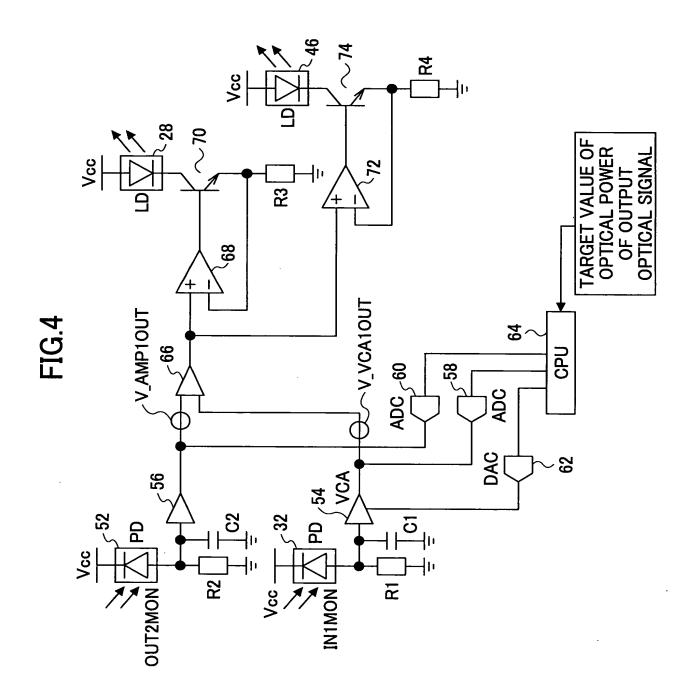
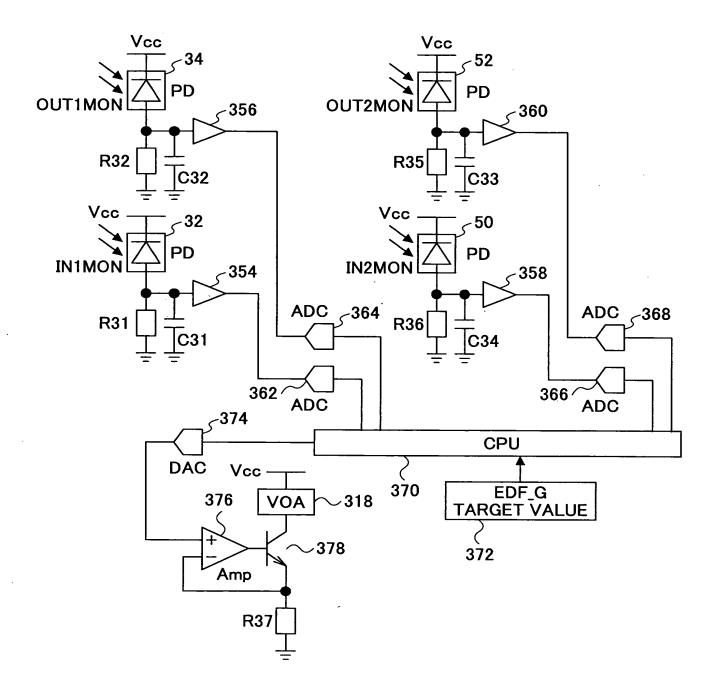
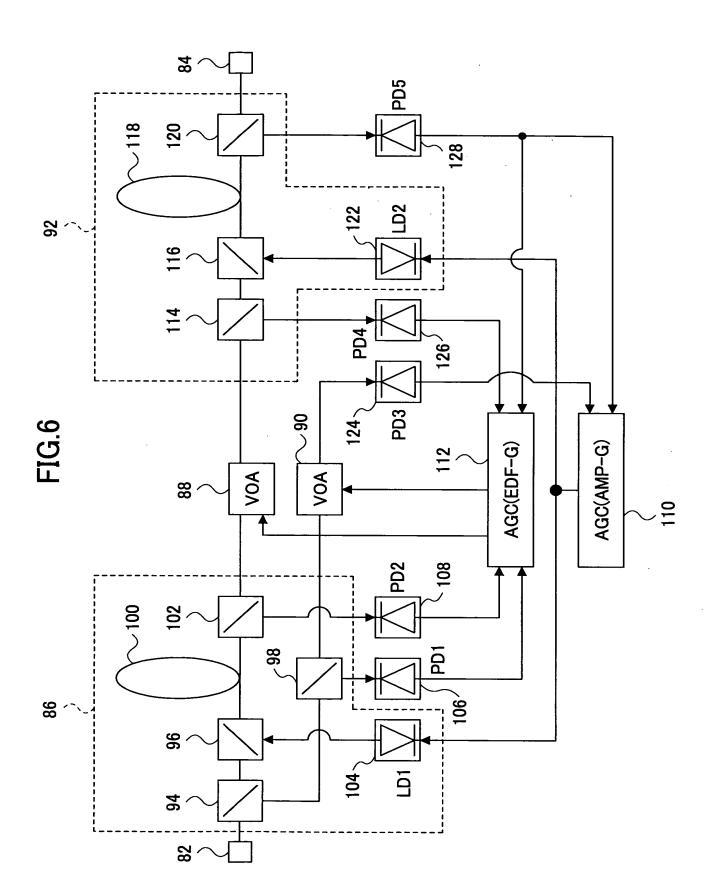


FIG.5





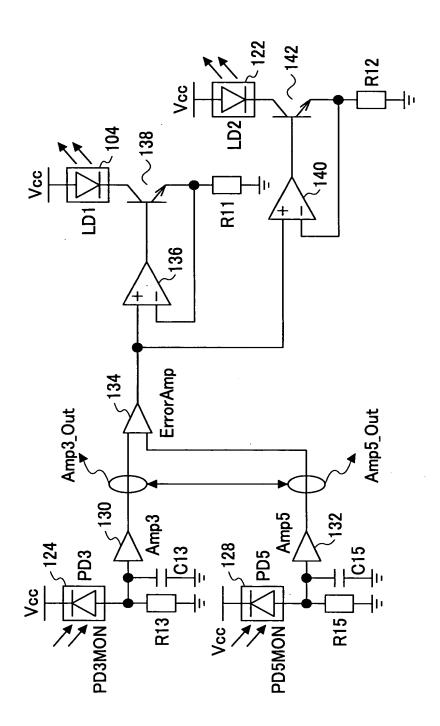
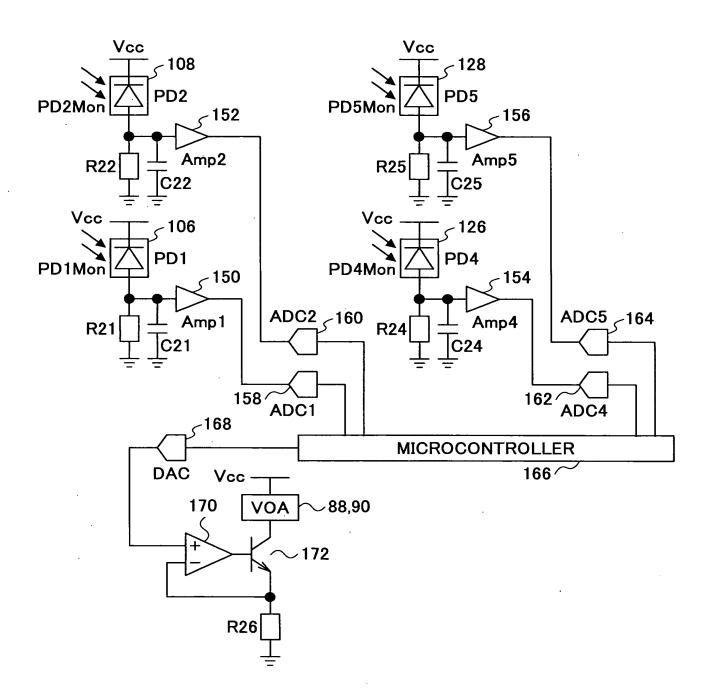
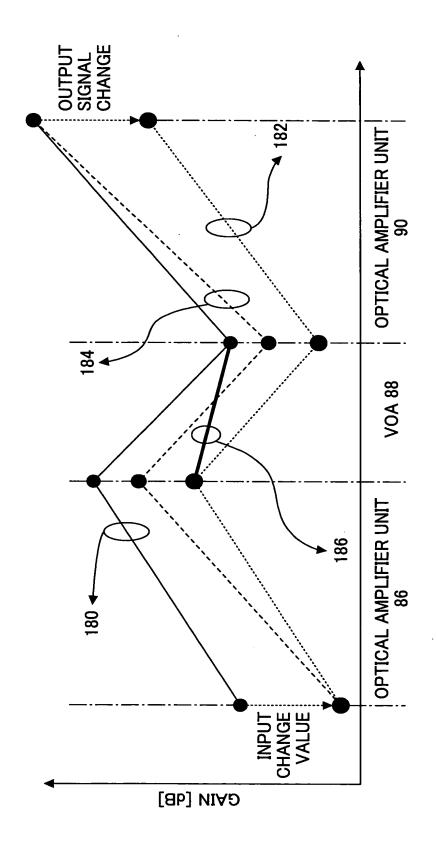


FIG.8





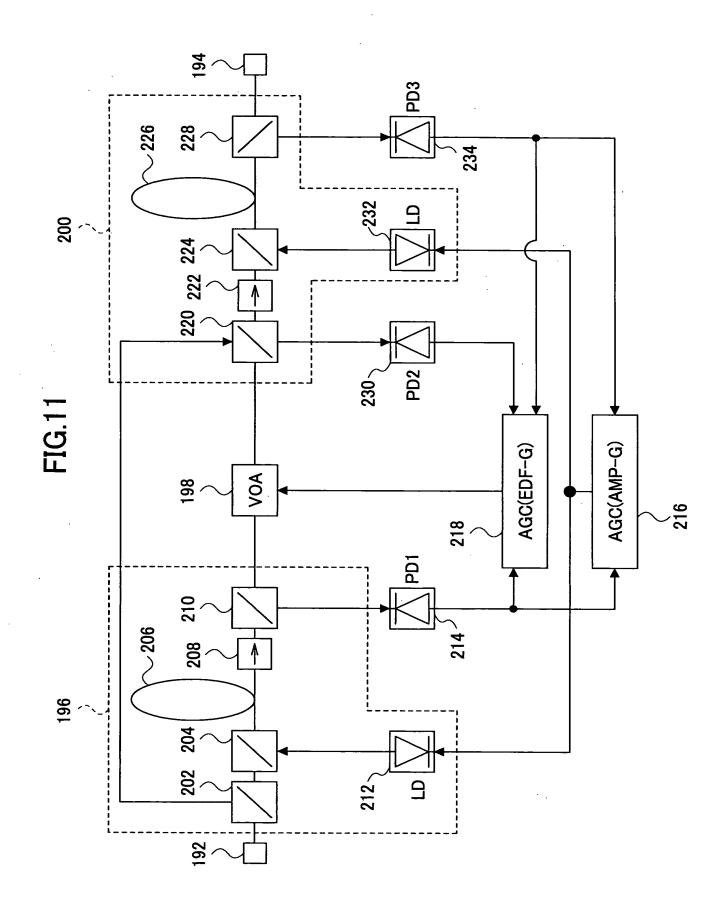
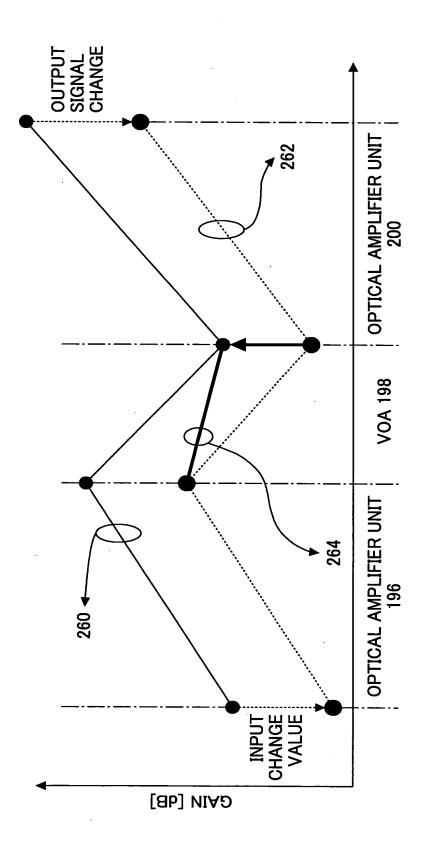


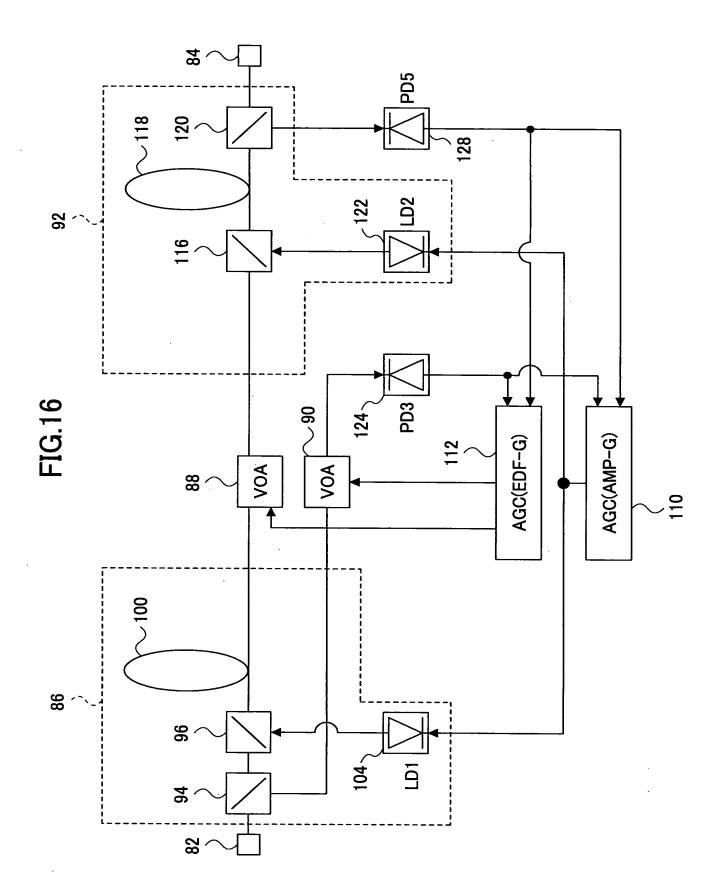
FIG.12

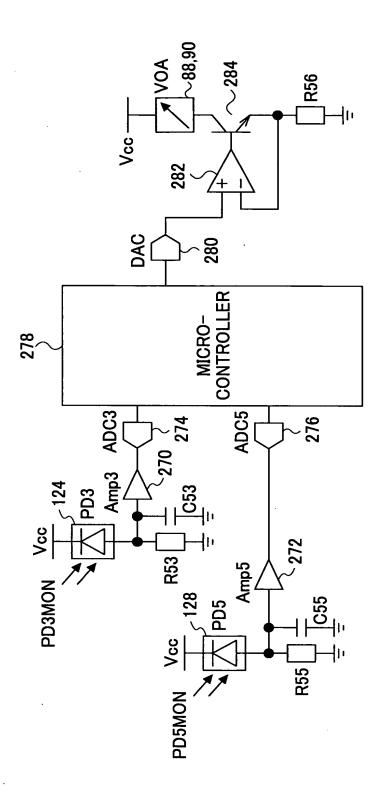


\MP_Gain	Α+ Α+α Α+α
EDF_ total_Gain	A+L A+L A+L
VOA Loss	Γ-α Γ-α Γ
PD3	X+A X+A-á X+A X+A X+A
PD2	×-, ×-, ×-, ×-, ×-, ×-, ×-, ×-, ×-, ×-,
PD1	×-× ×× ××
INPUT	× + , , , , , , , , , , , , , , , , , ,
CONTROL STATE	INITIAL SETTING 1 WAVELENGTH CHANNEL INPUT CHANGE CHANGE CORRECTION EDF_Gain CONTROL

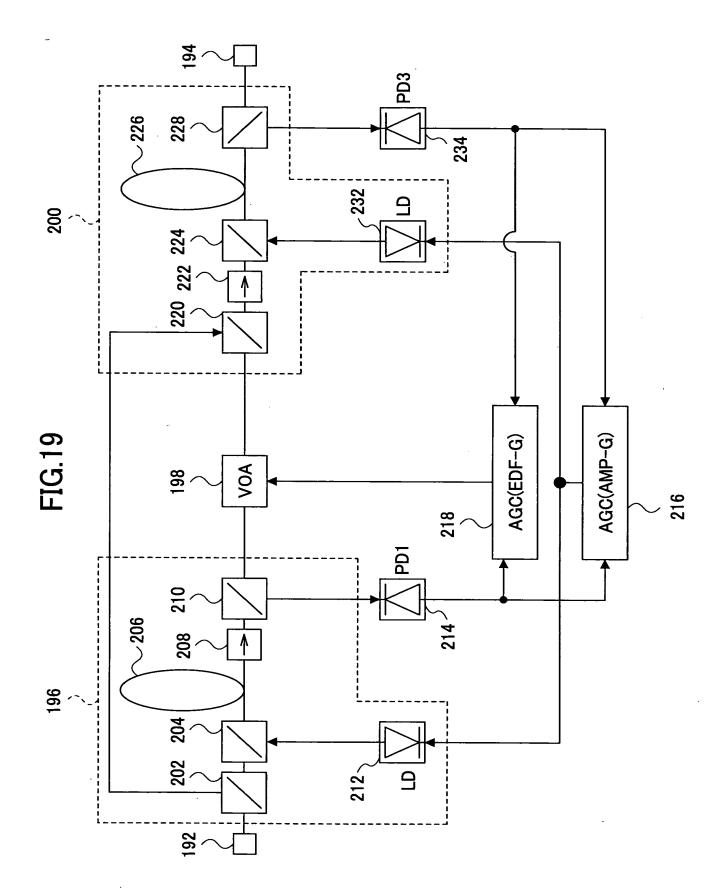
DIFFERENCE IN LOSSES DUE TO TEMPERATURE CHARACTERISTIC & PARTS INCONSISTENCIES [4B] YTITNAUQ NOITAUNETTA

DRIVING CURRENT [A]





CONTROL STATE	INPUT	PD3	PD5	VOA1 Loss	VOA2 Loss	EDF_ total_Gain	AMP_Gain
G	×	×	X+A	L1	L2	A+L1	A
INPUT CHANGE	X-á	X-á	X-α+A		7	A+L1	∢
ECTION	Xá	×	X+X	コ	L2-α	A+α+L1	Α+α
ROL	×-á,	×	X+X	L1-á	L2-α	A+L1	



## FIG.20

CONTROL STATE	INPUT	PD1	PD3	VOA Loss	EDF_ total_Gain	AMP_Gain	
INITIAL SETTING	×	×	X+A		A+L	<	
INPUT CHANGE	Xá	Xá	X-α+A	ب	A+L	∢	
CHANGE CORRECTION	Xá	×	X+X	Γ- <i>α</i>	A+L	Α+α	
EDF_Gain CONTROL	Xá	×	X+X	Γ- <i>α</i>	A+L	Α+α	